product data sheet

item no. 96.074.6053.1

device connector RST20I7S S1 M90V SW

RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black



item no.	96.074.6053.1
EAN	4049088424380
order unit	100 piece(s)

certificates / approvals

technical data

note

note	wires with 2.5 mm² only without ferrulespositioning realised with flattened thread3 poles max. 20A, 4 poles max. 5A

general

rated current	20 A
rated voltage	250 V / 400 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.65 mOhm
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	1, 2, 3, 4/N, 5, 6, PE

connection data

connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.2 mm²
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.2 mm²
terminations per pole	1
wire strip length	8 mm

model

model	male
connection type	screw connection
connecting thread metric	M20
angle of plug	square
inclination	90 °
degree of protection (IP)	IP66/68 (3m;2h) /IP69

thickness of housings (electrical device)	0.5 mm
thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.268 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	71.3 mm
width	34.6 mm
height	54.3 mm

accessories

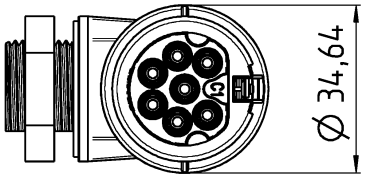
item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

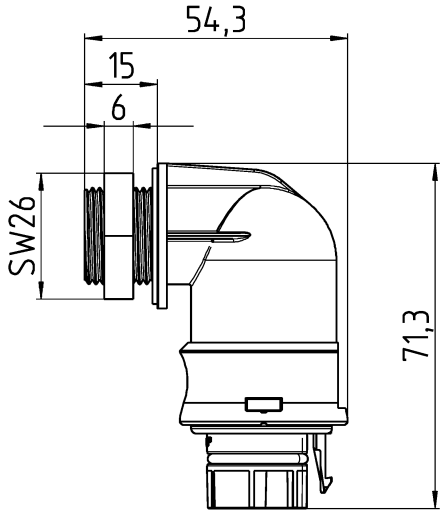
technical drawing

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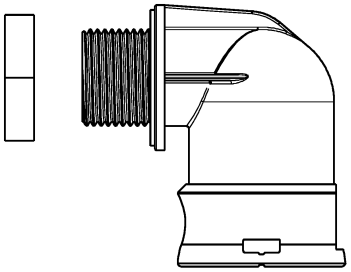
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

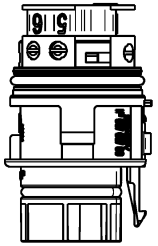
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

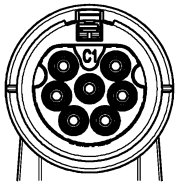
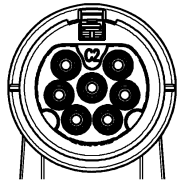
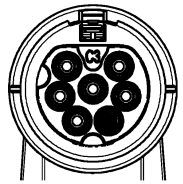
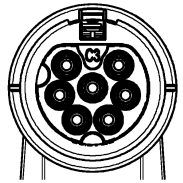




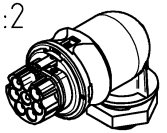
Auslieferungszustand
/delivery status





Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.074.6053.0	RST20I7S S1 M90V GL	
96.074.6053.1	RST20I7S S1 M90V SW	
96.074.6053.9	RST20I7S S1 M90V BL07	
96.064.6053.6	RST20I6S S1 M90V TB04	
96.074.6053.6	RST20I7S S1 M90V TB04	

1:2



● = Pol verschlossen /pole closed

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1. Verwendung: First Use:

Blatt: 1 von 1
Sheet: 1 of 1

Werkstoff / Material

Maßstab / Scale: 1:1

Vol. mm³ Oft./Srf. mm²

Ersatz für / Replacement for:

	Tag/Date	Name
gezeichnet drawn	16.11.2017	Hollet
geprüft checked		
Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: 96.074.6053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Type: RST20

Bennenung/Title: ST_SCHRAUB
ohne Drahtschutz
male, screw connection without wire protection

Index	Datum / Blatt Date / Sheet	Änderung / Revision
a.	14.05.2018 /	

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